5000

RAW SEQUENCE LISTING

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: _10/522,912_ : CRF Edit Date: _2-16-05_
Edited by: _KL_

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

✓ Deleted: ✓ invalid beginning/end-of-file text ; ___ page numbers

____ Inserted mandatory headings/numeric identifiers, specifically:

_____

____ Moved responses to same line as heading/numeric identifier, specifically:

_____

____ Other:

_____
_____
_____

Revised 09/09/2003

PCT

RAW SEQUENCE LISTING   DATE: 02/16/2005
PATENT APPLICATION: US/10/522,912   TIME: 12:58:43

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\02162005\J522912.raw

```
    3 <110> APPLICANT: RIDDER, Ruediger
    4        MARTIN, Peter
    5        HERKERT, Matthias
    6        REICHERT, Anja
    7        TRUNK-GEHMACHER, Marcus
    9 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSIS AND THERAPY OF
CANCERS
   11 <130> FILE REFERENCE: 05033.0009.PCUS00
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/522,912
C--> 13 <141> CURRENT FILING DATE: 2005-01-28
   13 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/050318
W--> 14 <151> PRIOR FILING DATE: 07/17/03
   16 <150> PRIOR APPLICATION NUMBER: EP 02017069.2
W--> 17 <151> PRIOR FILING DATE: 07/29/02
   19 <150> PRIOR APPLICATION NUMBER: EP 02017058.5.2
W--> 20 <151> PRIOR FILING DATE: 07/29/02
   22 <160> NUMBER OF SEQ ID NOS: 23
   24 <170> SOFTWARE: PatentIn version 3.3
   26 <210> SEQ ID NO: 1
   27 <211> LENGTH: 15
   28 <212> TYPE: PRT
   29 <213> ORGANISM: Artificial Sequence
   31 <220> FEATURE:
   32 <223> OTHER INFORMATION: HLA restricted peptide
   34 <400> SEQUENCE: 1
   36 Gly His Asp Asp Gly Gln Arg Pro Ser Gly Gly Ala Ala Ala Ala
   37 1               5                  10                  15
   40 <210> SEQ ID NO: 2
   41 <211> LENGTH: 15
   42 <212> TYPE: PRT
   43 <213> ORGANISM: Artificial Sequence
   45 <220> FEATURE:
   46 <223> OTHER INFORMATION: HLA restricted peptide
   48 <400> SEQUENCE: 2
   50 Val Val His Ile Pro Arg Leu Thr Gly Glu Trp Ala Ala Pro Gly
   51 1               5                  10                  15
   54 <210> SEQ ID NO: 3
   55 <211> LENGTH: 15
   56 <212> TYPE: PRT
   57 <213> ORGANISM: Artificial Sequence
   59 <220> FEATURE:
   60 <223> OTHER INFORMATION: HLA restricted peptide
   62 <400> SEQUENCE: 3
   64 Val His Ile Pro Arg Leu Thr Gly Glu Trp Ala Ala Pro Gly Ala
```

```
65 1              5                10               15
68 <210> SEQ ID NO: 4
69 <211> LENGTH: 15
70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: HLA restricted peptide
76 <400> SEQUENCE: 4
78 Arg Arg Pro Gly His Asp Asp Gly Gln Arg Pro Ser Gly Gly Ala
79 1              5                10               15
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 9
84 <212> TYPE: PRT
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: HLA restricted peptide
90 <400> SEQUENCE: 5
92 His Asp Asp Gly Gln Arg Pro Ser Gly
93 1              5
96 <210> SEQ ID NO: 6
97 <211> LENGTH: 9
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: HLA restricted peptide
104 <400> SEQUENCE: 6
106 Ala Ala Glu Leu Gly Pro Gly Gly Gly
107 1              5
110 <210> SEQ ID NO: 7
111 <211> LENGTH: 9
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: HLA restricted peptide
118 <400> SEQUENCE: 7
120 Arg Arg Cys Pro Gly Gly Leu Pro Gly
121 1              5
124 <210> SEQ ID NO: 8
125 <211> LENGTH: 9
126 <212> TYPE: PRT
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: HLA restricted peptide
132 <400> SEQUENCE: 8
134 Gly His Asp Asp Gly Gln Arg Pro Ser
135 1              5
138 <210> SEQ ID NO: 9
139 <211> LENGTH: 9
140 <212> TYPE: PRT
```

RAW SEQUENCE LISTING   DATE: 02/16/2005
PATENT APPLICATION: US/10/522,912   TIME: 12:58:43

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\02162005\J522912.raw**

```
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: HLA restricted peptide
146 <400> SEQUENCE: 9
148 Gly Gly Glu Asn Met Val Arg Arg Phe
149 1               5
152 <210> SEQ ID NO: 10
153 <211> LENGTH: 9
154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: HLA restricted peptide
160 <400> SEQUENCE: 10
162 Gln Leu Arg Arg Pro Arg His Ser His
163 1               5
166 <210> SEQ ID NO: 11
167 <211> LENGTH: 9
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: HLA restricted peptide
174 <400> SEQUENCE: 11
176 Met Val Arg Arg Phe Leu Val Thr Leu
177 1               5
180 <210> SEQ ID NO: 12
181 <211> LENGTH: 9
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: HLA restricted peptide
188 <400> SEQUENCE: 12
190 Val Leu Met Leu Leu Arg Ser Gln Arg
191 1               5
194 <210> SEQ ID NO: 13
195 <211> LENGTH: 9
196 <212> TYPE: PRT
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: HLA restricted peptide
202 <400> SEQUENCE: 13
204 Arg Leu Gly Gln Gln Pro Leu Pro Arg
205 1               5
208 <210> SEQ ID NO: 14
209 <211> LENGTH: 9
210 <212> TYPE: PRT
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: HLA restricted peptide
216 <400> SEQUENCE: 14
```

RAW SEQUENCE LISTING   DATE: 02/16/2005
PATENT APPLICATION: US/10/522,912   TIME: 12:58:43

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\02162005\J522912.raw

```
218 Arg Val Arg Val Phe Val Val His Ile
219 1               5
222 <210> SEQ ID NO: 15
223 <211> LENGTH: 9
224 <212> TYPE: PRT
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: HLA restricted peptide
230 <400> SEQUENCE: 15
232 Thr Leu Arg Ile Arg Arg Ala Cys Gly
233 1               5
236 <210> SEQ ID NO: 16
237 <211> LENGTH: 9
238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: HLA restricted peptide
244 <400> SEQUENCE: 16
246 Arg Leu Thr Gly Glu Trp Ala Ala Pro
247 1               5
250 <210> SEQ ID NO: 17
251 <211> LENGTH: 9
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: HLA restricted peptide
258 <400> SEQUENCE: 17
260 Met Val Arg Arg Phe Leu Val Thr Leu
261 1               5
264 <210> SEQ ID NO: 18
265 <211> LENGTH: 9
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: HLA restricted peptide
272 <400> SEQUENCE: 18
274 Ala Ala Val Ala Leu Val Leu Met Leu
275 1               5
278 <210> SEQ ID NO: 19
279 <211> LENGTH: 9
280 <212> TYPE: PRT
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: HLA restricted peptide
286 <400> SEQUENCE: 19
288 Ala Val Ala Leu Val Leu Met Leu Leu
289 1               5
292 <210> SEQ ID NO: 20
293 <211> LENGTH: 9
```

RAW SEQUENCE LISTING   DATE: 02/16/2005
PATENT APPLICATION: US/10/522,912   TIME: 12:58:43

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\02162005\J522912.raw** .

```
294 <212> TYPE: PRT
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: HLA restricted peptide
300 <400> SEQUENCE: 20
302 Leu Met Leu Leu Arg Ser Gln Arg Leu
303 1               5
306 <210> SEQ ID NO: 21
307 <211> LENGTH: 9
308 <212> TYPE: PRT
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: HLA restricted peptide
314 <400> SEQUENCE: 21
316 His Ile Met Gly Arg Gly Arg Cys Val
317 1               5
320 <210> SEQ ID NO: 22
321 <211> LENGTH: 9
322 <212> TYPE: PRT
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: HLA restricted peptide
328 <400> SEQUENCE: 22
330 Ala Ala Pro Gly Ala Pro Ala Ala Val
331 1               5
334 <210> SEQ ID NO: 23
335 <211> LENGTH: 9
336 <212> TYPE: PRT
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: HLA restricted peptide
342 <400> SEQUENCE: 23
344 Gly Ala Pro Ala Ala Val Ala Leu Val
345 1               5
```

VERIFICATION SUMMARY   DATE: 02/16/2005
PATENT APPLICATION: **US/10/522,912**   TIME: 12:58:44

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\02162005\J522912.raw**

```
L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:14 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:17 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:20 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
```